

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"INTERLEUKIN-1 BETA CONVERTING ENZYME LIKE APOPTOTIC PROTEASE-6"

the specification of which (check one)

☐ is attached hereto.

☒ was filed on May 8, 1997 as Serial No. 08/852,936  
and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Number	Country	Filing Date	Priority Claimed	
			Yes	No

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
60/017,949	20 May 1996
60/020,344	23 May 1996
60/018,961	5 June 1996

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No.	Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office on my behalf.

Stephen Venetianer	Registration No. 25,659
Janice E. Williams	Registration No. 27,142
James M. Kanagy	Registration No. 29,550
Edward T. Lentz	Registration No. 30,191
William T. King	Registration No. 30,954
Linda E. Hall	Registration No. 31,763
Mary E. McCarthy	Registration No. 32,917
Charles M. Kinzig	Registration No. 33,252
Dara L. Dinner	Registration No. 33,680
Patricia A. Schreck	Registration No. 33,777
Yuriy P. Stercho	Registration No. 33,797
Kirk Baumeister	Registration No. 33,833
Wayne J. Dustman	Registration No. 33,870
Jeffrey A. Sutton	Registration No. 34,028
William T. Han	Registration No. 34,344
Nora Stein-Fernandez	Registration No. 36,689
Alissa M. Eagle	Registration No. 37,126
Soma G. Simon	Registration No. 37,444
Edward R. Gimmi	Registration No. 38,891
Zoltan Kerekes	Registration No. 38,938

Address all correspondence and telephone calls to William T. Han, SmithKline Beecham Corporation, Corporate Intellectual Property-U.S., UW2220, P.O. Box 1539, King of Prussia, Pennsylvania 19406-0939, whose telephone number is 610-270-5219.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Vishva M. Dixit

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1300 Pepper Pike, Ann Arbor, Michigan 48105

Citizenship: United States of America

Post Office Address: SmithKline Beecham Corporation  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Wei-Wu He

Inventor's Signature: Wei Wu He Date: 7/14/97

Residence: 6225 Free Stone Court, Columbia, Maryland 21045

Citizenship: China

Post Office Address: SmithKline Beecham Corporation  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Kristine K. Kikly

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 499 Limerick Center Road, Linfield, Pennsylvania 19468

Citizenship: United States of America

Post Office Address: SmithKline Beecham Corporation  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Steven M. Ruben

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 18528 Heritage Hills Drive, Olney, Maryland 20832

Citizenship: United States of America

Post Office Address: SmithKline Beecham Corporation  
Corporate Intellectual Property - UW2220  
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Full Name of Inventor: Vishva M. Dixit

Inventor's Signature: Vishva Dixit Date: 5/23/97

Residence: 1300 Pepper Pike, Ann Arbor, Michigan 48105

Citizenship: United States of America

Post Office Address: SmithKline Beecham Corporation  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Wei-Wu He

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 6225 Free Stone Court, Columbia, Maryland 21045

Citizenship: China

Post Office Address: SmithKline Beecham Corporation  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Kristine K. Kikly

Inventor's Signature: Kristine K. Kikly Date: 7.17.97

Residence: 499 Limerick Center Road, Linfield, Pennsylvania 19468

Citizenship: United States of America

Post Office Address: SmithKline Beecham Corporation  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Steven M. Ruben

Inventor's Signature: Steve M. Ruben Date: 7/1/97

Residence: 18528 Heritage Hills Drive, Olney, Maryland 20832

Citizenship: United States of America

Post Office Address: SmithKline Beecham Corporation  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, Pennsylvania 19406-0939

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Dixit, et al.

Art Unit: 1653

Application No.: 09/300,328

Examiner: Bugaisky, G.

Filed: April 27, 1999

Attorney Docket No.: PF335D1

For: Interleukin-1  $\beta$  Converting Enzyme Like Apoptotic Protease-6

POWER OF ATTORNEY BY ASSIGNEE OF INTEREST  
REVOCATION OF PRIOR POWER OF ATTORNEY

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Human Genome Sciences, Inc., organized and existing under the laws of the state of Maryland, having its principal place of business at 9410 Key West Avenue, Rockville, Maryland, 20850, is assignee of record of an undivided part interest of the right, title and interest for the above-identified application by virtue of an assignment recorded in the U.S. Patent and Trademark Office recorded on October 20, 1997, at Reel 8757 and Frame 0486, in Application Serial No. 08/852,936, filed May 8, 1997.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The assignee, Human Genome Sciences, Inc., hereby appoints, James H. Davis (Reg. No. 40,582); Kenley Hoover (Reg. No. 40,302); Joseph Kenny (Reg. No. 43,710); Jonathan L. Klein (Reg. No. 41,119); Michele Wales (Reg. No. 43,975); and Mark J. Hyman (Reg. No. 46,789) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878, **Customer Number 22195**, as its attorneys or agents with full power of substitution, association, and revocation to prosecute the application identified above, including any continuation or divisional applications, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

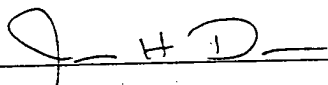
The assignee also requests that the correspondence address be changed to **Customer No. 22195**.

09361261 092401  
T04260 T0219560

The undersigned, whose title is supplied below, is empowered to sign this document on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application captioned above or of any patent issuing thereon.

On behalf of Human Genome Sciences, Inc.

For: Human Genome Sciences Inc.  
Signature:   
By: James H. Davis, Ph.D.  
Title: Senior Vice President & General Counsel  
Date: 7/10/01



PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Dixit, et al.

Art Unit: 1653

Application No.: 09/300,328

Examiner: Bugaisky, G.

Filed: April 27, 19999

Attorney Docket No.: PF335D1

For: Interleukin-1  $\beta$  Converting Enzyme Like Apoptotic Protease-6POWER OF ATTORNEY BY ASSIGNEE OF INTEREST  
REVOCATION OF PRIOR POWER OF ATTORNEYCommissioner for Patents  
Washington, D.C. 20231

Sir:

The Regents of the University of Michigan, organized and existing under the laws of the state of Michigan, having its principal place of business at 2071 Wolverine Tower, 3003 South State Street, Ann Arbor, Michigan, 48109-1280, is assignee of record of an undivided part interest of the right, title and interest for the above-identified application by virtue of an assignment recorded in the U.S. Patent and Trademark Office recorded on October 20, 1997, at Reel 8757 and Frame 0486, in Application Serial No. 08/852,936, filed May 8, 1997.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The assignee, The Regents of the University of Michigan, hereby appoints, James H. Davis (Reg. No. 40,582), Kenley Hoover (Reg. No. 40,302), Joseph Kenny (Reg. No. 43,710); Jonathan L. Klein (Reg. No. 41,119), Michele Wales (Reg. No. 43,975), and Mark J. Hyman (Reg. No. 46,789) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878, **Customer Number 22195**, as its attorneys or agents with full power of substitution, association, and revocation to prosecute the application identified above, including any continuation or divisional applications, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

The assignee also requests that the correspondence address be changed to **Customer No. 22195**.

T04260" T0213550

The undersigned, whose title is supplied below, is empowered to sign this document on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application captioned above or of any patent issuing thereon.

On behalf of The Regents of the University of Michigan.

For: The Regents of the University of Michigan  
Signature: *Kenneth J Nisbet*  
By: **KENNETH J NISBET**  
Title: Director, UMI Technology Transfer  
Date: 6/7/01

004260 10219660

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Dixit, et al.

Art Unit: 1653

Application No.: 09/300,328

Examiner: Bugaisky, G.

Filed: April 27, 1999

Attorney Docket No.: PF335D1

For: Interleukin-1  $\beta$  Converting Enzyme Like Apoptotic Protease-6

POWER OF ATTORNEY BY ASSIGNEE OF INTEREST  
REVOCATION OF PRIOR POWER OF ATTORNEY

Commissioner for Patents  
Washington, D.C. 20231

Sir:

SmithKline Beecham Corporation, organized and existing under the laws of the Commonwealth of Pennsylvania, having its principal place of business at One Franklin Plaza, Philadelphia, PA 19103, is assignee of record of an undivided part interest of the right, title and interest for the above-identified application by virtue of an assignment recorded in the U.S. Patent and Trademark Office recorded on October 20, 1997, at Reel 8757 and Frame 0486, in Application Serial No. 08/852,936, filed May 8, 1997.

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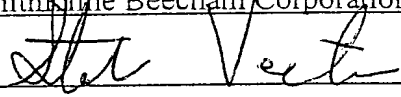
The assignee, SmithKline Beecham Corporation, hereby appoints, James H. Davis (Reg. No. 40,582); Kenley Hoover (Reg. No. 40,302); Joseph Kenny (Reg. No. 43,710); Jonathan L. Klein (Reg. No. 41,119); Michele Wales (Reg. No. 43,975); and Mark J. Hyman (Reg. No. 46,789) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20878, **Customer Number 22195**, as its attorneys or agents with full power of substitution, association, and revocation to prosecute the application identified above, including any continuation or divisional applications, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

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On behalf of SmithKline Beecham Corporation.

For: SmithKline Beecham Corporation  
Signature:   
By: Stephen Venetianer  
Title: Vice President, Pharmaceuticals  
Date: 19 April 2001

0961201.0040  
T04260 T02T9660

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dixit et al :  
Serial No.: 08/852,936 :  
Filed: 8 May 1997 :  
FOR: Interleukin-1 Beta Converting :  
Enzyme Like Apoptosis :  
Protease -6 :

## ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R :

Please recognize as associate attorneys for the above-identified patent application Paul F. Prestia, Registration No. 23,031; Allan Ratner, Registration No. 19,717; Andrew L. Ney, Registration No. 20,300; Kenneth N. Nigon, Registration No. 31,549; Kevin R. Casey, Registration No. 32,117; Benjamin E. Leace, Registration No. 33,412; James C. Simmons, Registration No. 24,842; Robert L. Andersen, Registration No. 25,771; Lawrence E. Ashery, Registration No. 34,515; Christopher R. Lewis, Registration No. 36,201; Louis W. Beardell, Registration No. 40,506; Mark J. Marcelli, Registration No. 36,593; and Eric A. Dichter, Registration No. 41,708, Joshua L. Cohen, Registration No. 38,040, Jack J. Jankovitz, Registration No. 42,690; and Ratner and Prestia, attorneys at law, to prosecute this application, and to transact all business in the U. S. Patent and Trademark Office in connection therewith.

Please direct all future correspondence and inquiries concerning this matter to